



10 Dec 03 PCT/PTO

30 JUN 2003

#6

SEQUENCE LISTING

<110> Bender, Eckhard
Pindon, Armelle N.
Van Oers, Irma P.
Jurzak, Mirek
Luyten, Walter H.

<120> Cloning and Expression Of A Novel 5-HT4 Receptor

<130> JAB1517

<140> 10/018,257

<141> 2000-06-14

<150> GB/9913850.5

<151> 1999-06-14

<160> 13

<170> PatentIn version 3.2

<210> 1

<211> 1281

<212> DNA

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<220>

<221> CDS

<222> (4)..(1209)

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Met	Asp	Lys	Leu	Asp	Ala	Asn	Val	Ser	Ser	Glu	Glu	Gly	Phe	Gly		
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tca	gtg	gag	aag	gtg	gtg	ctg	ctc	acg	ttt	ctc	tcg	acg	gtt	atc	ctg	96
Ser	Val	Glu	Lys	Val	Val	Leu	Leu	Thr	Phe	Leu	Ser	Thr	Val	Ile	Leu	
				20					25					30		

atg	gcc	atc	ttg	ggg	aac	ctg	ctg	gtg	atg	gtg	gct	gtg	tgc	tgg	gac	144
Met	Ala	Ile	Leu	Gly	Asn	Leu	Leu	Val	Met	Val	Ala	Val	Cys	Trp	Asp	
			35					40					45			

agg	cag	ctc	agg	aaa	ata	aaa	aca	aat	tat	ttc	att	gta	tct	ctt	gct	192
Arg	Gln	Leu	Arg	Lys	Ile	Lys	Thr	Asn	Tyr	Phe	Ile	Val	Ser	Leu	Ala	
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ttt	gcg	gat	ctg	ctg	gtt	tcg	gtg	ctg	gtg	atg	ccc	ttt	ggg	gcc	att	240
Phe	Ala	Asp	Leu	Leu	Val	Ser	Val	Leu	Val	Met	Pro	Phe	Gly	Ala	Ile	
	65					70					75					

gag	ctg	gtt	caa	gac	atc	tgg	att	tat	ggg	gag	gtg	ttt	tgt	ctt	gtt	288
Glu	Leu	Val	Gln	Asp	Ile	Trp	Ile	Tyr	Gly	Glu	Val	Phe	Cys	Leu	Val	
80					85				90						95	

cgg	aca	tct	ctg	gac	gtc	ctg	ctc	aca	acg	gca	tcg	att	ttt	cac	ctg	336
Arg	Thr	Ser	Leu	Asp	Val	Leu	Leu	Thr	Thr	Ala	Ser	Ile	Phe	His	Leu	
			100						105					110		

tgc	tgc	att	tct	ctg	gat	agg	tat	tac	gcc	atc	tgc	tgc	cag	cct	ttg	384
Cys	Cys	Ile	Ser	Leu	Asp	Arg	Tyr	Tyr	Ala	Ile	Cys	Cys	Gln	Pro	Leu	
			115					120						125		

gtc	tat	agg	aac	aag	atg	acc	cct	ctg	cgc	atc	gca	tta	atg	ctg	gga	432
Val	Tyr	Arg	Asn	Lys	Met	Thr	Pro	Leu	Arg	Ile	Ala	Leu	Met	Leu	Gly	
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ggc	tgc	tgg	gtc	atc	ccc	acg	ttt	att	tct	ttt	ctc	cct	ata	atg	caa	480
Gly	Cys	Trp	Val	Ile	Pro	Thr	Phe	Ile	Ser	Phe	Leu	Pro	Ile	Met	Gln	

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 Gln Leu Arg Lys Ile Lys Thr Asn Tyr Phe Ile Val Ser Leu Ala Phe
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 Ala Asp Leu Leu Val Ser Val Leu Val Met Pro Phe Gly Ala Ile Glu
 65 70 75 80
 Leu Val Gln Asp Ile Trp Ile Tyr Gly Glu Val Phe Cys Leu Val Arg
 85 90 95
 Thr Ser Leu Asp Val Leu Leu Thr Thr Ala Ser Ile Phe His Leu Cys
 100 105 110
 Cys Ile Ser Leu Asp Arg Tyr Tyr Ala Ile Cys Cys Gln Pro Leu Val
 115 120 125
 Tyr Arg Asn Lys Met Thr Pro Leu Arg Ile Ala Leu Met Leu Gly Gly
 130 135 140
 Cys Trp Val Ile Pro Thr Phe Ile Ser Phe Leu Pro Ile Met Gln Gly
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 Trp Asn Asn Ile Gly Ile Ile Asp Leu Glu Arg Ser Leu Asn Gln Gly
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 Leu Gly Gln Asp Phe His Ala Ile Glu Lys Arg Lys Phe Asn Gln Asn
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 Ser Asn Ser Thr Tyr Cys Val Phe Met Val Asn Lys Pro Tyr Ala Ile
 195 200 205
 Thr Cys Ser Val Val Ala Phe Tyr Ile Pro Phe Leu Leu Met Val Leu
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 Ala Tyr Tyr Arg Ile Tyr Val Thr Ala Lys Glu His Ala His Gln Ile
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 Gln Met Leu Gln Arg Ala Gly Ala Ser Ser Glu Ser Arg Pro Gln Ser
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 Ala Asp Gln His Ser Thr His Arg Met Arg Thr Glu Thr Lys Ala Ala
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Lys Thr Leu Cys Ile Ile Met Gly Cys Phe Cys Leu Cys Trp Ala Pro
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Gly Gln Val Trp Thr Ala Phe Leu Trp Leu Gly Tyr Ile Asn Ser Gly
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Leu Asn Pro Phe Leu Tyr Ala Phe Leu Asn Lys Ser Phe Arg Arg Ala
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Phe Leu Ile Ile Leu Cys Cys Asp Asp Glu Arg Tyr Arg Arg Pro Ser
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Ile Leu Gly Gln Thr Val Pro Cys Ser Thr Thr Thr Ile Asn Gly Ser
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